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AMENDMENTS TO THE CLA []v |

(Currently amended) A method of preventing passe and embrile material from a 1. left atrial appendage of a patient, comprising:

providing a deployment catheter having an elongat | leadible tody with a proximal end and a distal end, and an implantable device removable and its ied by the distal end, said device comprising a barrier, said device radially expands as from a reduced diameter to an enlarged diameter and configured to conform to an wedge surface of the left atrial appendage;

positioning at least a portion of the device in the least appropriate and enlarging the device within the left atrial appenda to precise said barrier extends across the left atrial appendage when enlarged and so that the least a portion of the device circumferentially seals against is in substantial sealing on the with the inside surface of the left atrial appendage.

- (Original) The method of Claim 1, wherein the cevas all field-en ands to its enlarged 2. shape.
- (Original) The method of Claim 1, wherein the devia include; an expandable 3. frame.
- (Original) The method of Claim 3, wherein the device includes a mesh barrier 4. operably connected to the expandable frame.
- (Original) The method of Claim 1, further compris a volcasa is the device from 5. the deployment catheter after the device is enlarged within the ef at the lappendage.
 - 6.-37. (Canceled)
- (Original) A method of preventing passage of end | : nateril from a left atrial 38. appendage of a patient, comprising:

positioning a barrier adjacent an opening of the lef a mid app indage; and engaging at least one anchoring element with his ue within the left atrial appendage, the at least one anchoring element being ope at very connected to the barrier to hold the barrier adjacent the opening and prevent paiss at all of embalic material from the left atrial appendage.

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- (Original) The method of Claim 38, wherein the batter is a rutsh. 39.
- (Original) The method of Claim 38, wherein the batier s portus. 40.
- (Original) The method of Claim 40, wherein the ba in ras a ore size of up to 41. about 0.04 inches.
 - (Original) The method of Claim 40, wherein the be is a small of ePTFE. 42.
 - (Original) The method of Claim 38, wherein the barrier has governally a disc shape. 43.
- (Original) The method of Claim 38, wherein the bs in complises an inflatable 44. balloon.
- (Original) The method of Claim 38, wherein the bear is is connected to an 45. expandable frame.
- (Previously presented) The method of Claim 38, we are 1 the : I least one 46. anchoring element extends at least partially transversely toward a missi end of the left atrial appendage.
- (Previously presented) The method of Claim 38, wo see in the at least one 47. anchoring element engages tissue at the distal end of the left at ial appendage
- (Previously presented) The method of Claim 38, we energy a pleast type of anchoring elements engage tissue along the side walls of the left atrial apt en an at-
- (Original) The method of Claim 38, further compairing delivering the barrier to 49. the left atrial appendage with a catheter.
- (Previously presented) The method of Claim 1, who will the divice at least 50. partially prevents passage of embolic material from the left atrial and dage by supporting tissue growth.
 - 51.-54. (Canceled)
- (Previously presented) The method of Claim 38 was ean the evice at least 55. partially prevents passage of embolic material from the left atrial endage by supporting tissue growth.
- (Previously presented) A method of preventing 22 a.p. of encoolic material from 56. an atrial appendage of a patient, comprising positioning a device: hatent at expening of the atrial appendage to block the opening to the atrial appendage, wherein passage of embolic material from the atrial appendage occurs substantially entirely as a result of said positioning, and

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engaging at least one anchoring element with tissue within the atri content et o hold the device in place.

- 57. (Previously presented) The method of Claim 56. wherein the evice is delivered percutaneously.
- 58. (Previously presented) The method of Claim 56 were in the evice is positioned within the atrial appendage.
- 59. (Previously presented) The method of Claim 56 was ein the sevice comprises an expandable frame.
- 60. (Previously presented) The method of Claim 56 was tin the levice comprises a membrane sized to block the opening.
- 61. (Previously presented) The method of Claim 60, we can the membrane is porous.
 - 62. (Canceled)
- 63. (Previously presented) The method of Claim 56, which is the levice has generally a disc shape.
- 64. (Previously presented) The method of Claim 56, we main the exice at least partially blocks passage of embolic material from the atrial appension by supporting tissue growth.
 - 65. (Canceled)
- 66. (Previously presented) The method of Claim 56, c at prising, prior to positioning said device:

delivering a trans-septal catheter into the right a \dot{m} .

advancing a distal tip of the trans-septal catheter the program and to the left atrial appendage, wherein the trans-septal catheter toward the left atrial appendage; and

delivering said device through the trans-septal cath that and deploying the device at the left atrial appendage, the device being configured to the sage of embolic material from the left atrial appendage.

67. (Previously presented) The method of Claim 66, 1 miner commissing delivering a delivery catheter through the trans-septal catheter to deliver said or side.

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- 68. (Previously presented) The method of Claim 67 watern a detail end of the delivery catheter is disposed within an opening of the left atrial up in tage.
- 69. (Previously presented) The method of Claim 66 was ein the sevice is deployed by expanding said device.
- 70. (Previously presented) The method of Claim 66 it it is comparising applying an axial force to said device to deploy said device.
- 71. (Previously presented) The method of Claim 70 wherein the scial force is applied by a plunger slidably received within a delivery catheter, the delivery catheter extending through the trans-septal catheter to the left atrial appendage.

72.-84. (Canceled)

85. (Currently amended) A method of performing a method at a strial appendage of a patient, comprising:

collapsing an implantable structure to a reduced co-figuration

enlarging the implantable structure adjacent an our implantable structure adjacent and our implantable structure adjacent and

placing at least a portion of the implantable structure in substitution is substituted at least a portion of the implantable structure is substituted at lea

- 86. (Previously presented) The method of Claim 85, we will in the innoture is collapsed into a catheter.
- 87. (Previously presented) The method of Claim 86. w in ein the tructure is collapsed into a catheter outside the body.
- 88. (Previously presented) The method of Claim 87 w their the tructure is enlarged after said collapsing.
- 89. (Previously presented) The method of Claim 85 w is ean the tructure is enlarged at least partially within the atrial appendage.
- 90. (Previously presented) The method of Claim 85 where the tructure when enlarged prevents passage of embolic material from the atrial application.
- 91. (Previously presented) The method of Claim 85 was a in the applantable structure comprises a surface that induces tissue growth.

92.-119. (Canceled)

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120. (New) A method of preventing passage of emberia rater. I from a left atrial appendage of a patient, comprising:

providing an implantable device having a protincil end, a distal end, a longitudinal axis extending from the proximal end to the distal end, and a barrier, the implantable device having a collapsed configuration and a dependent configuration;

positioning the implantable device in the left at it is prendag, while the device is in its collapsed configuration; and

enlarging the implantable device in the left atrial postudage wherein the barrier extends across the longitudinal axis when the implantable arrive is a larged.

- partially self-expanding, and is restrained from expansion unt position d in the left atrial appendage.
- 122. (New) The method of Claim 121, wherein enlarging the implementable device in the left atrial appendage comprises releasing the implantable device from a deployment catheter.
- 123. (New) The method of Claim 122, wherein the inputatible device is positioned in an inner lumen of the deployment catheter, and releasing the implantable device from the deployment catheter comprises axially moving the implantable device out of the inner lumen of the deployment catheter.
- 124. (New) The method of Claim 122, wherein releasing the important able device from the deployment catheter comprises detaching the implantable to the from a distallend of the deployment catheter.
- 125. (New) The method of Claim 120, wherein the ir martable levice comprises an expandable frame.
- 126. (New) The method of Claim 125, further compare to the expandable frame.
- passage of embolic material from the left atrial appendage by s.p. ording tist to growth.
- 128. (New) A method of preventing passage of each its materal from a left atrial appendage of a patient, comprising:

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advancing a catheter having a proximal end an least state end through the patient until the distal end is disposed adjacent the opening of the patient's last atrial appendage; and

releasing a device from the distal end of the cat was to de Loy the device, the device configured to block an opening to the left atrial appendage prevent passage of embolic material from the left atrial appendage.

- 129. (New) The method of Claim 128, wherein the days is it positioned within an inner lumen of the catheter, and releasing the device comprises applying it is laft force in a distal direction to the device to deploy it.
- 130. (New) The method of Claim 128, wherein releasing the device from the catheter comprises detaching the device from the distal end of catheter.
- 131. (New) The method of Claim 128, wherein the data comprises an expandable frame.
- 132. (New) The method of Claim 131, further comprise the mest operably connected to the expandable frame.
- 133. (New) The method of Claim 128, wherein the doing at less partially prevents passage of embolic material from the left atrial appendage by supporting tiss to growth.
- appendage of a patient, comprising positioning a device in the least appendage and securing the device relative to the left atrial appendage, the device so liquied to prevent passage of emboli from the left atrial appendage, wherein the device conform to an inside wall of the left atrial appendage when positioned therein.
 - 135. (New) The method of Claim 134, wherein the davia a comprises a mesh barrier.
- 136. (New) The method of Claim 134, wherein the dames commisses an expandable frame.
- 137. (New) The method of Claim 134, wherein the de are is delivered percutaneously into the patient.
- 138. (New) The method of Claim 134, wherein the cover engages walls of the left atrial appendage.

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- 139. (New) The method of Claim 134, wherein the do is at less partially prevents passage of embolic material from the left atrial appendage by st pt a ung tissue growth.
- 140. (New) A method of preventing passage of enals in a left atrial appendage of a patient, comprising:

percutaneously delivering an implantable device to the left at all appendage; securing the implantable device relative to the left and appendage; and

preventing passage of embolic material from the all atrial appendage with the implantable device, wherein said preventing passage of arcbolic material comprises providing a barrier carried by the implantable device acros the left at ial appendage.

- 141. (New) The method of Claim 140, wherein the davi is felive and using a catheter.
- 142. (New) The method of Claim 141, wherein the datase comprises an expandable frame.
- 143. (New) The method of Claim 142, wherein the decree compreses a mesh operably connected to the expandable frame.
- 144. (New) The method of Claim 140, wherein the data at least partially prevents passage of embolic material from the left atrial appendage by supporting tiss to growth.
- 145. (New) A method of performing a procedure at a untial application, comprising:

positioning an implantable structure adjacent the continuous he atrial appendage, the structure having a reduced configuration and an enda god configuration, wherein the structure is in a reduced configuration while being positioned and therein the structure conforms to an inner wall tissue surface when enlarged

- 146. (New) The method of Claim 145, further comp is a callarge g the structure to its enlarged configuration at the atrial appendage.
- 147. (New) The method of Claim 146, further comp is the charge g the structure to its enlarged configuration at least partially within the atrial appendix.
- 148. (New) The method of Claim 145, further compared altering a position of the structure within the atrial appendage while the structure is being 1 with ned.

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- 149. (New) The method of Claim 148, wherein al ring the position comprises releasing the implantable structure from a delivery device to initially position the structure at the atrial appendage.
- 150. (New) The method of Claim 145, wherein position in the implantable structure at the atrial appendage comprises an initial positioning of the structure in the atrial appendage.
- 151. (New) The method of Claim 145, wherein the miplantiale structure when positioned prevents the passage of embolic material from the atria input indag.
- 152. (New) The method of Claim 145, wherein the in the identible structure comprises a surface that induces tissue growth.
- 153. (New) A method of performing a procedure at as a rial appendage of a patient, comprising:

providing an implantable structure positioned adjusters the pening of the atrial appendage, the structure having a reduced configuration and under the enlarged configuration blocking the opening of the atrial appendage; and

changing the configuration of the structure at the avail appendage.

- 154. (New) The method of Claim 153, wherein case programme on figuration of the structure comprises enlarging the structure.
- 155. (New) The method of Claim 154, wherein the stature when enlarged prevents passage of embolic material from the atrial appendage.
- 156. (New) The method of Claim 153, wherein the standard charges its configuration at least partially within the atrial appendage.
- 157. (New) The method of Claim 153, wherein the irr include: ructure comprises a surface that induces tissue growth.
- 158. (New) A method of performing a procedure at a smial appendage of a patient, comprising:

deploying an implantable structure at the atrial at similare with a delivery device positioned at the atrial appendage, the structure being 20 is at red to block an opening of the atrial appendage; and

removing the delivery device from its position at the strial appendage.

159. (New) The method of Claim 158, wherein the deligity device is a catheter.

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- (New) The method of Claim 158, wherein he delivery levice is delivered 160. percutaneously.
- (New) The method of Claim 158, further compri 1 3 chang 1g a position of an 161. implantable structure at the atrial appendage, the structure having and an implantable structure at the atrial appendage, the structure having enlarged configuration.
- (New) The method of Claim 161, further compris is shanging the configuration 162. of the structure at the atrial appendage.
- (New) The method of Claim 162, wherein the cor is unation a changed from the 163. reduced configuration to the enlarged configuration.
- (New) The method of Claim 158, wherein the do ivery device is removed after 164. deploying the implantable structure at the atrial appendage.
- (New) The method of Claim 158, wherein the deli my levice as removed without 165. the implantable structure.
- (New) The method of Claim 158, wherein the do it ery decree is removed after positioning the implantable structure at the atrial appendage.
- (New) The method of Claim 158, wherein the deli any device is removed after an initial positioning of the implantable structure at the atrial append in the initial positioning of the implantable structure at the atrial append
- (New) The method of Claim 158, further compr sit | temovia ; the delivery device 168. from the patient.
- (New) The method of Claim 158, wherein the deli any levice is positioned within the atrial appendage.
- (New) A method of preventing passage of ea molic material from an atrial 170. appendage, the method comprising:

delivering a device to the atrial appendage; and

positioning the device at the atrial appendage, the kivi se with a positioned having at least a portion that generally conforms to an inside surface the u rial appendage.

- (New) The method of Claim 170, wherein no toming ile device comprises expanding the device into contact with an inside surface of the an all supend ge.
- (New) The method of Claim 170, wherein the de ite complises a frame with an outer rim that generally conforms to an inside surface of the atial appendage

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- 173. (New) The method of Claim 170, wherein the development positioned comprises a frame that generally conforms to an inside surface of the atria appropriate.
- 174. (New) The method of Claim 173, wherein the comprises a plurality of linked elements.
 - 175. (New) The method of Claim 173, wherein the fian is generally cylindrical.
- 176. (New) The method of Claim 170, wherein 10s toring the device comprises positioning a barrier across the atrial appendage.
- 177. (New) The method of Claim 170, wherein the contact is a livered through the normal opening of the atrial appendage.
- 178. (New) The method of Claim 170, wherein ends is material is prevented from passage from the atrial appendage substantially entirely by position and of the device at the atrial appendage.
- 179. (New) The method of Claim 1, wherein said ording sea; off the left atrial appendage when expanded.
- 180. (New) The method of Claim 85, wherein the impartable a nature seals off the atrial appendage when enlarged.

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